

Supplementary Information
for
Electrohydrodynamic Convection Instabilities Observed in
Suspensions of Cellulose Nanocrystals
(for publication in *Cellulose*)

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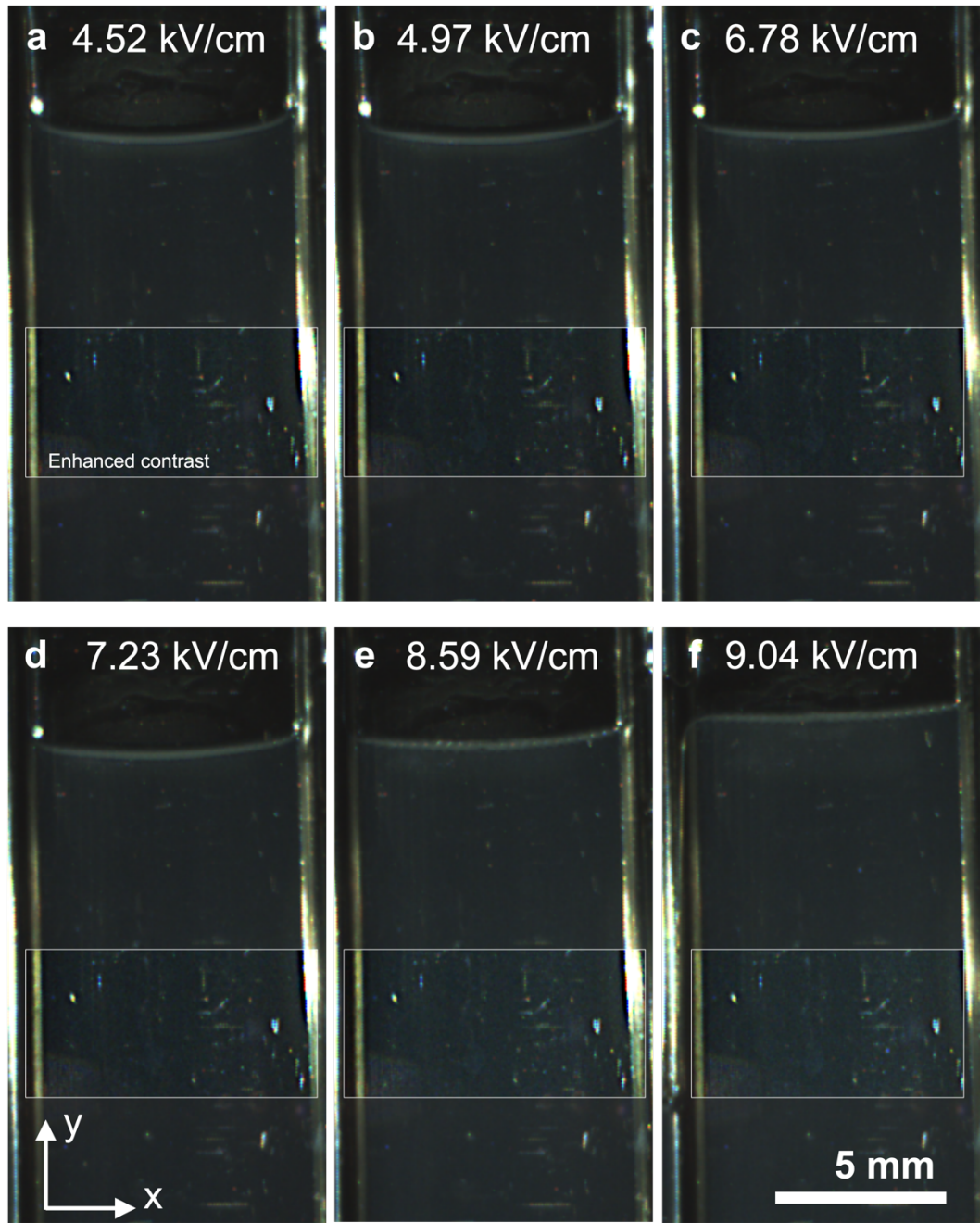


Figure S1. Observation under asymmetrical oblique illumination in transmission, taken at the same field values as in Figure 4 but using the experimental setup ES3 instead of ES2, so that the illumination is in the ($\mathbf{x}$, $\mathbf{z}$) plane. a) no visible pattern, as expected from Figure 4a. b-f) no pattern is easily distinguishable, despite being seen at the same conditions using ES2. The distortion of the meniscus from curved to almost straight clearly shows that a strong electric is applied. The periodic bands are barely noticeable in figure e), and by the periodic fringes of the meniscus.